

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1-33. (Canceled).

34. (Currently Amended) A library of candidate target binding fragments (CTBF's) each CTBF being a small organic molecule and having a linkable functional group (LFG) or blocked form thereof (BLFG), wherein the LFG or BLFG contains a linking group (LG), the LG being a disulfide group and wherein the library comprises two CTBF's that are combined together.

35. (Withdrawn) The CTBF library of claim 34, wherein each CTBF of the library further contains at least a second LG selected from the group consisting of an amide, secondary amine, disulfide, sulfonamide, ureido, thiourea, carbamate and sulfonamide.

36. (Withdrawn) The CTBF's of claim 35, wherein the second LG is an amide.

37. (Withdrawn) The CTBF's of claim 35, wherein the second LG is a sulfonamide.

38-52. (Canceled).

53. (Currently Amended) A library of candidate target binding fragments (CTBF's) wherein each fragment is a small organic molecule and each member of the library is represented by the formula:



wherein  $\text{R}^8$  is

a straight chain or branched alkyl of 1 to 10 carbon atoms that is optionally substituted with up to five groups selected from the group consisting of halide, alkyl, aryl, heteroaryl, carboxy ester, carboxamide, amino, *N*-acylamino, alkoxy, hydroxy, mercapto, phosphono and sulphono; or

an aryl or heteroaryl that is optionally substituted with halide, alkyl, aryl, halide, heteroaryl, carboxy ester, carboxamide, amino, *N*-acylamino, alkoxy, hydroxy, mercapto or phosphono;

and wherein the library comprises two CTBF's that are combined together.

54. (Previously Presented) The library of claim 53, wherein  $\text{R}^8$  is a straight chain alkyl of 1 to 10 carbon atoms optionally substituted with amino or hydroxy.

55. (Withdrawn) The CTBF of claim 53, wherein each CTBF of the library further contains at least a second LG selected from the group consisting of amide, secondary amine, disulfide, sulfonamide, ureido, thiourea, carbamate and sulfonamide.

56. (Withdrawn) The CTBF of claim 55, wherein the second LG is an amide.

57. (Withdrawn) The CTBF of claim 55, wherein the second LG is a sulfonamide.

58. (Previously Presented) The library of claim 53, wherein  $\text{R}^8$  is a straight chain alkyl of 1 to 10 carbon atoms substituted with amino.

59. (Withdrawn) The library of claim 53, wherein  $R^8$  is a straight chain alkyl of 1 to 10 carbon atoms substituted with hydroxyl.